

Amendments to the Claims

Please cancel Claims 1-18, 23, 28, 30-32, 40, 44, 47, 52, 54, 59-63, and 65-69. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

- 1.-18. (Canceled)
19. (Original) A method for forming retroreflective sheeting, comprising:
- a) forming a first plurality of open-faced cube-corner surfaces from a substantially rigid material in a first side of a substrate; and
 - b) forming a second plurality of open-faced cube-corner surfaces from the substantially rigid material in a second side of the substrate.
20. (Original) The method of Claim 19, wherein step a) and step b) are carried out at approximately the same time.
21. (Original) The method of Claim 19, wherein step a) and step b) are continuously carried out.
22. (Original) The method of Claim 19, further comprising the step of forming the sheeting into chips.
23. (Canceled)
24. (Original) Optical sheeting having a first side and a second side, each side having open-faced cube-corner surfaces.
25. (Original) The optical sheeting of Claim 24, wherein the optical sheeting includes thermoplastic and thermoset polymers.

26. (Original) The optical sheeting of Claim 25, wherein the optical sheeting includes at least one of acrylic polymers, polyurethane, polyurea, polycarbonate, silicone, metallic acrylate, or diacrylate.
27. (Original) The optical sheeting of Claim 24, further comprising an optical coating formed on the surfaces.
28. (Canceled)
29. (Original) The optical sheeting of Claim 24, wherein the optical sheeting is breakable into chips or flakes.
- 30.-32. (Canceled)
33. (Original) Retroreflective sheeting having a plurality of open-faced cube-corner surfaces provided on a substrate, an optical coating disposed on at least some of the cube-corner surfaces, and a fill coat disposed on at least some of the optical coating, the sheeting including an array of apertures therethrough.
34. (Original) The sheeting of Claim 33, further comprising an adhesive layer disposed on the substrate.
35. (Original) The sheeting of Claim 34, further comprising a release liner disposed on the adhesive layer.
36. (Original) Retroreflective sheeting comprising a plurality of open-faced cube-corner surfaces, an optical coating disposed on at least some of the surfaces, the sheeting including a plurality of apertures therethrough.

37. (Original) The sheeting of Claim 36, wherein the retroreflective sheeting includes a substantially transparent polymer.
38. (Original) The sheeting of Claim 37, wherein the substantially transparent polymer includes at least one of acrylic, polyester, polyurethane, or polyurea.
39. (Original) The sheeting of Claim 36, wherein the cube-corner surfaces are provided on a substrate.
40. (Canceled)
41. (Original) The sheeting of Claim 39, further comprising an adhesive liner disposed on the substrate.
42. (Original) The sheeting of Claim 36, further comprising a fill layer provided on at least a portion of the optical coating.
43. (Original) A projection screen comprising a plurality of open-faced cube-corner prisms.
44. (Canceled)
45. (Original) The projection screen of Claim 43, wherein the plurality of open-faced cube-corner prisms are disposed on a plurality of chips.
46. (Original) The projection screen of Claim 43, wherein the screen includes a plurality of one-sided retroreflectors dispersed in a substantially transparent material.
47. (Canceled)
48. (Original) The projection screen of Claim 45, wherein at least some of the plurality of chips are two-sided open-faced cube-corner chips.

49. (Original) The projection screen of Claim 45, wherein at least some of the plurality of chips are one-sided open-faced cube-corner chips.
50. (Original) The projection screen of Claim 49, wherein at least a portion of a backside of at least some of the one-sided open-faced chips cube-corner chips includes an optical microstructure.
51. (Original) The projection screen of Claim 43, wherein at least a portion of a side of at least some of the one-sided open-faced cube-corner chips is textured.
52. (Canceled)
53. (Original) The projection screen of Claim 43, wherein at least some of the plurality of open-faced cube-corner prisms have varying prism pitches.
54. (Canceled)
55. (Original) The projection screen of Claim 43, wherein the plurality of open-faced cube-corner prisms are disposed in a film.
56. (Original) The projection screen of Claim 55, wherein a front surface of the film includes a lenticular.
57. (Original) The projection screen of Claim 43, further comprising an optical coating disposed on at least some of the plurality of open-faced cube-corner prisms.
58. (Original) The projection screen of Claim 43, wherein at least some of the plurality of open-faced cube-corner prisms include a color coating thereon.
- 59.-63. (Canceled)

64. (Original) A method for forming a projection screen comprising coating a substrate with a liquid that includes a plurality of open-faced cube-corner prisms.

65.-69. (Canceled)

70. (Original) Retroreflective sheeting, comprising:

a plurality of open-faced cube-corner surfaces formed from a substantially rigid material to keep the cube-corner surfaces from flexing, the material including a low index of refraction; and

a coating disposed on substantially all of the cube-corner surfaces, the coating including a high index of refraction such that a difference between the low index of refraction and the high index of refraction is sufficient to cause retroreflection of light impinging on the cube-corner surfaces.

71. (Original) The sheeting of Claim 70, wherein the coating includes submicron or nanoparticles of dielectrics.